

## EAST Search History

| Ref # | Hits  | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|---|------------------|---------|------------------|
| L1    | 6110  | ((multiple or plurality)same(session or identity)).ab.                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND              | ON      | 2007/11/25 15:38 |
| L2    | 60    | L1 (commerce or e\$commerce or business or enterprise)near(site)        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND              | ON      | 2007/11/25 15:38 |
| L3    | 6     | L2 (role same identity)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND              | ON      | 2007/11/25 15:43 |
| L5    | 63445 | (role) same (operation or application or identity)                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND              | ON      | 2007/11/25 15:37 |
| L6    | 606   | L5 (reus\$3 or persist\$4 or subsequent\$4)same(session)(identity )     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND              | ON      | 2007/11/25 15:38 |
| L7    | 403   | L6((multiple or plurality)same(session or identity))                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND              | ON      | 2007/11/25 15:42 |
| L8    | 59    | L7 (commerce or e\$commerce or business or enterprise)near(site)        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND              | ON      | 2007/11/25 15:38 |
| L9    | 3     | L8 ( role or identity)same(session or operation or application).ab.     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND              | ON      | 2007/11/25 15:39 |
| L10   | 7     | L3 or L9  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND              | ON      | 2007/11/25 15:39 |
| L11   | 64419 | ((multiple or plurality)same(session or identity))                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND              | ON      | 2007/11/25 15:42 |
| L12   | 195   | ((multiple or plurality)near(session )same(identity or manag\$5))(role) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND              | ON      | 2007/11/25 15:48 |

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|     |      |  |   |     |     |                  |
|-----|------|--|---|-----|-----|------------------|
| L13 | 90   | L12 (role )(identity)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND | ON  | 2007/11/25 15:44 |
| L14 | 29   | L12 (role )(identity)((application or operation or service)near(type))(authenticat\$5 or signature)                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND | ON  | 2007/11/25 16:21 |
| L15 | 206  | (726/8).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR  | OFF | 2007/11/25 15:46 |
| L16 | 676  | (726/6,8).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR  | OFF | 2007/11/25 15:47 |
| L17 | 2217 | (713/155,182).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR  | OFF | 2007/11/25 15:47 |
| L18 | 2817 | L16 or L17   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND | ON  | 2007/11/25 15:47 |
| L19 | 0    | L14 L18  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND | ON  | 2007/11/25 15:47 |
| L20 | 18   | L18((multiple or plurality or manag\$4)near(session )same(identity or manag\$5))(role)                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND | ON  | 2007/11/25 15:53 |
| L21 | 0    | L14 L20  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND | ON  | 2007/11/25 15:48 |
| L22 | 47   | L14 or L20   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND | ON  | 2007/11/25 15:48 |
| L23 | 2    | L22(role or multiple)same(identity)same (session)same(manag\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND | ON  | 2007/11/25 15:49 |
| L24 | 12   | L22(role or multiple or future or re\$us\$3)same(identity)same (session)same(manag\$4 or credential or authenticat\$5) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND | ON  | 2007/11/25 15:51 |

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|     |        |  |                                    |     |    |                  |
|-----|--------|--|------------------------------------|-----|----|------------------|
| L25 | 1826   | ((re\$using or using)same(previous or future)same(session)same(informat ion or token or cookie or log or authentication or credential))  | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | AND | ON | 2007/11/25 16:03 |
| L26 | 54     | L25((multiple or plurality or manag\$4)near(session )same(identity or manag\$5))(role)   | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | AND | ON | 2007/11/25 16:38 |
| L27 | 5      | L22 L26  | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | AND | ON | 2007/11/25 15:57 |
| L28 | 757    | L25 ((user)same(select\$5)same(session ))  | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | AND | ON | 2007/11/25 16:19 |
| L29 | 33     | L26 L28  | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | AND | ON | 2007/11/25 15:57 |
| L30 | 159    | ((multiple or plurality )near(session )same(identity or manag\$5 or role)).clm.  | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | AND | ON | 2007/11/25 16:39 |
| L31 | 23     | L30((re\$using or using or stored)same(previous or future or subsequent or persist\$4)same(session)same(infor mation or token or cookie or log or authentication or credential)) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | AND | ON | 2007/11/25 16:42 |
| L32 | 130702 | sessions   | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | AND | ON | 2007/11/25 16:18 |
| L33 | 1065   | L32((multiple or plurality or manag\$4)near(session )same(identity or manag\$5))(role)   | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | AND | ON | 2007/11/25 16:19 |
| L34 | 80     | L33((user or reusing or using )same(select\$5 or future or previous or stored or persist\$3)same(session)).clm.  | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | AND | ON | 2007/11/25 16:37 |
| L35 | 80     | L34 sessions.clm.  | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | AND | ON | 2007/11/25 16:36 |

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|-----|-------|--|---|-----|----|------------------|
| L36 | 18    | L35((application or operation or service)near(type))(authenticat\$5 or signature)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2007/11/25 16:21 |
| L37 | 16159 | session\$2.ab.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2007/11/25 16:36 |
| L38 | 16149 | session.ab.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2007/11/25 16:36 |
| L39 | 3851  | L38((user or reusing or using )same(select\$5 or future or previous or stored or persist\$3)same(session) same(information or credential))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2007/11/25 16:37 |
| L40 | 370   | L39 (role or identity).clm.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2007/11/25 16:38 |
| L41 | 370   | L40 sessions   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2007/11/25 16:39 |
| L42 | 4     | L41((multiple or plurality or each or specific or unique)near(session )same(identity or manag\$5 or role or credential )).ab.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2007/11/25 16:41 |
| L43 | 54    | L41((multiple or plurality or each or specific or unique)near(session )same(identity or manag\$5 or role or credential ))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2007/11/25 16:42 |
| L44 | 18    | L43((multiple or plurality or sessions)near(session )same(select\$4))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2007/11/25 16:54 |
| L45 | 13    | L44((re\$using or using)same(stored or previous or future or subsequent or persist\$4)same(session)same(infor mation or token or cookie or log or authentication or credential))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2007/11/25 16:53 |
| L46 | 422   | ((re\$using or using)same(stored or previous or future or subsequent or persist\$4)same(session)same(infor mation or token or cookie or log or authentication or credential)).clm. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2007/11/25 17:11 |

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|     |      |   |   |     |    |                  |
|-----|------|---|---|-----|----|------------------|
| L47 | 22   | L46((multiple or plurality or sessions)near(session )same(select\$4 or user)).clm.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2007/11/25 17:20 |
| L48 | 6333 | (xml)(identity or authentication)(role)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2007/11/25 17:10 |
| L49 | 12   | L46 L48   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2007/11/25 17:04 |
| L50 | 1007 | (xml)(identity or authentication)same(role)(session )   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2007/11/25 17:20 |
| L51 | 176  | L50((re\$using or using or uses)same(stored or previous or future or subsequent or persist\$4)same(session)same(infor mation or token or cookie or log or authentication or credential))              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2007/11/25 17:16 |
| L52 | 11   | L17 L51   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2007/11/25 17:12 |
| L53 | 176  | L50((re\$using or using or uses)same(stored or previous or future or subsequent or persist\$4)same(session)same(infor mation or token or cookie or log or authentication or credential))(sessions)    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2007/11/25 17:19 |
| L54 | 22   | L53(session).ab.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2007/11/25 17:16 |
| L55 | 432  | ((re\$using or using or uses)same(stored or previous or future or subsequent or persist\$4)same(session)same(infor mation or token or cookie or log or authentication or credential)).clm. (sessions) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2007/11/25 17:19 |
| L56 | 65   | L55((multiple or plurality or sessions)near(session )same(select\$4 or user))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2007/11/25 17:20 |

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|     |    |  |   |     |    |                  |
|-----|----|--|---|-----|----|------------------|
| L57 | 4  | L56(identity or authentication)same(role)(session )  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2007/11/25 17:27 |
| L59 | 1  | "20020055888"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2007/11/25 17:22 |
| L60 | 1  | "20020103801"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2007/11/25 17:23 |
| L61 | 1  | ("2002/0055888").URPN.   | USPAT                                       | AND | ON | 2007/11/25 17:22 |
| L62 | 50 | ("20010011250"   "20020002513"  <br>"20020038255"   "20020055888"  <br>"20020087430"   "4799156"  <br>"5319542"   "5592375"   "5671279"<br>  "5710887"   "5715314"  <br>"5727048"   "5742768"   "5758328"<br>  "5774874"   "5790677"  <br>"5794207"   "5895454"   "5897621"<br>  "5897622"   "5918213"  <br>"5946665"   "5970471"   "6006200"<br>  "6016504"   "6029141"  <br>"6032129"   "6032145"   "6052710"<br>  "6101482"   "6101485"  <br>"6119101"   "6125352"   "6128600"<br>  "6133912"   "6185541"  <br>"6219680"   "6269343"   "6282517"<br>  "6292786"   "6298330"  <br>"6321211"   "6336100"   "6343274"<br>  "6460020"   "6460072"  <br>"6466970"   "6490567"   "6526443"<br>  "6574607").PN. OR ("7197475").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                | AND | ON | 2007/11/25 17:27 |
| L64 | 0  | L60 (session o rrole)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2007/11/25 17:24 |
| L65 | 1  | L60 (session or role)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2007/11/25 17:29 |
| L66 | 24 | L62 (session)  | US-PGPUB;<br>USPAT;<br>USOCR                | AND | ON | 2007/11/25 17:27 |
| L67 | 0  | L66(identity or authentication)same(role)(session )  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2007/11/25 17:27 |

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|     |   |   |   |     |    |                  |
|-----|---|---|---|-----|----|------------------|
| L68 | 4 | L66(identity or authentication)(role)(session ) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2007/11/25 17:28 |
| L69 | 1 | "20040128390"                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2007/11/25 17:29 |
| L70 | 2 | "20020112083"                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2007/11/25 17:28 |
| L71 | 3 | L69 or L70                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2007/11/25 17:29 |
| L72 | 3 | L71 (session or role)                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2007/11/25 17:29 |
| L73 | 1 | L71 (session )same(identity or role)            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2007/11/25 17:30 |